# Mountain Weather Forecast

## South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Sunday 20 Feb 2022 until 23:59 on Monday 21 Feb 2022

Forecast Issued on Saturday 19 Feb 2022 at 16:58 by Met Office Aberdeen

**Confidence:** High for a mainly unsettled and often windy week with best conditions on Monday, but lower with regard to timing of more persistent precipitation and fluctuations in freezing levels.

**Headline for Sunday 20 Feb 2022:** Overnight sleet and snow clearing to sunny spells and snow showers. Very cold and windy.

**Mountain weather hazards on Sunday 20 Feb 2022**

**Blizzards**
Low Likelihood

**Gales**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
Low Likelihood

**Severe chill effect**
High Likelihood

**Heavy persistent rain**
Low Likelihood

**Storm force winds**
Low Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Light snow | Heavy snow | Sleet | Sleet showers | Sunny intervals | Heavy snow showers | Heavy snow showers (night) | Heavy snow showers (night) |
| Precipitation probability | | | | | | | |
| 70% | 90% | 60% | 30% | 20% | 30% | 30% | 30% |

**Forecast for Sunday 20 Feb 2022**

**Weather:** Cloudy with outbreaks of occasionally heavy snow through the early hours, this turning increasingly to rain below about 1000m by dawn. The rain soon turns more showery and the showers turn increasingly to snow at all but the lowest levels through the afternoon. The showers always most frequent across the Perthshire hills with the best of the sunshine across the eastern Cairngorms. Risk of temporary blizzard conditions with lying or drifting snow over the higher slopes.

**Chance of cloud-free hill tops above 800m:** Around 25% at dawn increasing to 40% in west and 75% in east through the morning.

**Low Cloud and visibility:** Periods of cloud above 600m becoming, especially in east, more occasional. Otherwise visibility very good but several kilometres in low level rain and a kilometre or less in heavier snow and snow showers and near zero in temporary blizzard conditions

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# Met Office Mountain Weather Forecast

**Forecast for Sunday 20 Feb 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **1100** | 41/51 S | 48/59 S | 55/68 SW | 56/70 W | 48/61 W | 38/50 W | 42/54 W | 41/54 W | 42/56 W |
| **900** | 30/39 S | 34/45 S | 36/49 SW | 39/52 W | 34/46 W | 29/40 W | 30/43 W | 31/44 W | 31/45 W |
| **600** | 22/37 S | 25/43 S | 24/45 SW | 26/47 W | 23/41 W | 20/36 W | 22/40 W | 23/40 W | 23/42 W |
| **300** | 6/17 S | 8/12 E | 10/27 W | 16/37 W | 16/34 W | 16/32 W | 15/33 W | 15/33 W | 16/35 W |
| **Glen** | 6/18 S | 7/16 SW | 10/25 W | 16/36 W | 16/33 W | 15/30 W | 14/30 W | 15/30 W | 17/35 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **1100** | -4/-15 | -2/-12 | 1/-8 | -1/-11 | -3/-13 | -4/-14 | -6/-17 | -6/-17 | -6/-16 |
| **900** | -2/-11 | -1/-9 | 2/-6 | 1/-8 | -1/-9 | -2/-10 | -4/-14 | -4/-14 | -4/-13 |
| **600** | -1/-8 | -0/-7 | 3/-3 | 2/-4 | 1/-5 | 0/-6 | -2/-10 | -2/-10 | -2/-9 |
| **300** | 1/-2 | 1/-3 | 4/-0 | 4/-1 | 4/-0 | 3/-2 | 1/-5 | -0/-6 | 1/-5 |
| **Glen** | 2/-2 | 2/-1 | 4/0 | 5/0 | 5/1 | 4/0 | 2/-3 | 1/-5 | 2/-4 |
| **Freezing Level*** | 400m | 400m | 1400m | 1000m | 700m | 500m | 200m | 200m | 300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Met Office Aberdeen Meteorologist's View**

Gusts around 80mph over ridges and summits through morning. Difficult underfoot conditions expected with rain falling onto and a partial thaw, then re-freeze, of lying snow with fresh snow falling onto to this.

**Forecast for Monday 21 Feb 2022**

**Weather:** Clear or sunny spells and snow showers, the showers becoming increasingly isolated through the morning to leave the afternoon largely dry, especially in west, with long sunny spells. Cloud above the summits increasing through the evening. Lying snow continuing to drift in the strong winds, especially through the morning.

**Maximum wind:** Westerly veering northwesterly 30-40mph, gusts around 65mph over ridges and summits, easing 20-25mph through late morning and afternoon, then backing more southerly 10-15mph in evening, increasing again later.

**Chance of cloud-free hill tops above 800m:** Around 60% at first rising close to 100% in afternoon

**Low Cloud and visibility:** Occasional or periods of cloud above 600m at first, cloud then gradually lifting above the summits. Otherwise visibility very good falling briefly to around a kilometre or so in snow showers.

**Temperature:** **Glens:** Around zero Celsius rising to plus 6 or 7 Celsius by early afternoon
**At 800m:** Around minus 3 Celsius
**Freezing level:** Around 300m

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